Index of Claims

Application No.

10/376,652

Examiner

Applicant(s)

BAUR ET AL.

Art Unit

Noah Kamen

3747

√	Rejected
=	Allowed

(Through numeral)
Cancelled

Restricted

Non-Elected

I Interference

A Appeal
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APPLICATION NO.	FIL	ING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO		
10/731,717	12	2/09/2003	Jonathan Patrick Kilkenny	. 03-187	5469		
719	7590	10/15/2004		EXAM	INER		
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DATE MAILED: 10/15/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

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·		Application No.	Applicant(s)	
		10/731,717	KILKENNY ET AL.	
	Office Action Summary	Examiner	Art Unit	
-		Willis R. Wolfe, Jr.	3747	
Period fo	The MAILING DATE of this communication	on appears on the cover sheet w	th the correspondence address	-
A SH THE - Exte after - If the - If NO - Failu Any	ORTENED STATUTORY PERIOD FOR F MAILING DATE OF THIS COMMUNICAT nsions of time may be available under the provisions of 37 (SIX (6) MONTHS from the mailing date of this communicatic period for reply specified above is less than thirty (30) days period for reply is specified above, the maximum statutory tree to reply within the set or extended period for reply will, by reply received by the Office later than three months after the ed patent term adjustment. See 37 CFR 1.704(b).	ION CFR 1.136(a). In no event, however, may a rion. s, a reply within the statutory minimum of third period will apply and will expire SIX (6) MON statute, cause the application to become AB	reply be timely filed y (30) days will be considered timely. ITHS from the mailing date of this communical SANDONED (35 U.S.C. § 133).	tion. '
Status				
1)	Responsive to communication(s) filed on	·		
2a) <u></u> ☐	This action is FINAL . 2b)⊠	This action is non-final.		
3)□	Since this application is in condition for a closed in accordance with the practice ur	•	` •	is
Dispositi	ion of Claims			
4)⊠ 5)□ 6)⊠	Claim(s) <u>1-14</u> is/are pending in the applic 4a) Of the above claim(s) is/are with Claim(s) is/are allowed. Claim(s) <u>1-14</u> is/are rejected.		'par	
	Claim(s) is/are objected to. Claim(s) are subject to restriction a	and/or election requirement.		
Applicati	ion Papers			
10)	The specification is objected to by the Exa The drawing(s) filed on is/are: a) Applicant may not request that any objection to Replacement drawing sheet(s) including the co The oath or declaration is objected to by the	accepted or b) objected to to the drawing(s) be held in abeyar orrection is required if the drawing	ce. See 37 CFR 1.85(a). (s) is objected to. See 37 CFR 1.121	` '
Priority ι	ınder 35 U.S.C. § 119			
a)[Acknowledgment is made of a claim for fo All b) Some * c) None of: 1. Certified copies of the priority docu 2. Certified copies of the priority docu 3. Copies of the certified copies of the application from the International Bose the attached detailed Office action for	ments have been received. ments have been received in A priority documents have been ureau (PCT Rule 17.2(a)).	pplication No received in this National Stage	
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DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-3, 8 and 9 are rejected under 35 U.S.C. 102(b) as being anticipated by Israel. Note column 6, lines 6-25 and column 8, lines 31-51.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of

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the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

Claims 4-6 are rejected under 35 U.S.C. 103(a) as being unpatentable over Israel in view of Russ et al. Israel discloses the claimed invention except for the utilization of extending the intake valve timing beyond its normal open duration. Russ et al teaches that it is known to extend the intake valve timing beyond its normal open duration as shown in Figures 3a and 3b. It would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the valve timing of Israel by extending the intake valve timing beyond its normal open duration as taught by Russ et al in order to provide for better control of the fresh air entering the cylinder.

Claims 7 and 10-14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Israel in view of Lei et al. Israel discloses the claimed invention except for the utilization of extending the intake valve timing beyond its normal open duration and providing a variable geometry turbine to control the amount of back pressure. Lei et al teaches that it is known to extend the intake valve timing beyond its normal open duration as well as utilizing a variable geometry turbine to control the amount of back pressure as described in column 4, lines 21-44 and shown in Figures 2 and 10-15. It would have been obvious to one having ordinary skill in the art at the time the invention